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PATENT  
ATTORNEY DOCKET NO.: DIVER1460-21

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Short et al. Art Unit: Unassigned  
Application No.: 10/029,221 Examiner: Unassigned  
Filed: December 21, 2001  
Title: EXONUCLEASE-MEDIATED NUCLEIC ACID REASSEMBLY IN  
DIRECTED EVOLUTION

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination of the above identified patent application, please enter the following replacement paragraph at page 1, lines 6-28:

-- The present application is a continuation of U.S. application serial No. 09/535,754, filed March 27, 2000, which is a continuation-in-part of U.S. application serial No. 09/522,289, filed on March 9, 2000 (entitled End Selection in Directed Evolution), which is hereby incorporated by reference; which is a continuation-in-part of U.S. application serial No. 09/498,557, filed on February 4, 2000 (entitled Non-Stochastic Generation of Genetic Vaccines and Enzymes), which is hereby incorporated by reference; which is a continuation-in-part of U.S. application serial No. 09/495,052, filed on January 31, 2000 (entitled Non-Stochastic Generation of Genetic Vaccines), which is hereby incorporated by reference; which is a continuation-in-part of U.S. application serial No. 09/332,835,

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on March 26, 2002, in an envelope addressed to:  
Commissioner for Patents, Washington, D.C. 20231

*Karen LePari*  
Karen LePari

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filed June 14, 1999 (entitled Synthetic Ligation Reassembly in Directed Evolution), which is hereby incorporated by reference; which is a continuation-in-part of U.S. application serial No. 09/276,860, filed on March 26, 1999, now U.S. Patent No. 6,352,842 (entitled Exonuclease-Mediated Gene Assembly in Directed Evolution), which is hereby incorporated by reference, which is a continuation-in-part of U.S. application serial No. 09/267,118, filed on March 9, 1999, now U.S. Patent No. 6,238,884 (entitled End Selection in Directed Evolution), which is hereby incorporated by reference, which is a continuation-in part of U.S. application serial No. 09/246,178, filed February 4, 1999, now U.S. Patent No. 6,171,820 (entitled Saturation Mutagenesis in Directed Evolution), which is hereby incorporated by reference; which is a continuation-in part of U.S. application serial No. 09/185,373 filed on November 3, 1998, now U.S. Patent No. 6,335,179 (entitled Directed Evolution of Thermophilic Enzymes), which is hereby incorporated by reference; which is a continuation of U.S. application serial No. 08/760,489 filed on December 5, 1996, now U.S. Patent No. 5,830,696 (entitled Directed Evolution of Thermophilic Enzymes), which is hereby incorporated by reference; which is a continuation-in-part of U.S. provisional application number 60/008,311 filed on December 7, 1995, now abandoned, which is hereby incorporated by reference.--

The changes to the paragraph, as filed, may be found in the attached "Version with Markings to Show Changes Made."



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No fee is deemed necessary in connection with the filing of this response. However, if any fee is deemed necessary, the Commissioner is authorized to charge (or apply any credits to) Deposit Account 50-1355. The Examiner is invited to contact Applicants' undersigned representative if there are any questions related to this matter.

Respectfully submitted,

Date: March 26, 2002

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